

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/US2004/020326

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C09J7/02

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C09J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages                              | Relevant to claim No. |
|------------|---|-----------------------|
| X          | US 4 762 747 A (LIU ET AL)<br>9 August 1988 (1988-08-09)<br>abstract<br>column 6, lines 40-58<br>-----          | 1-4                   |
| X          | US 3 729 338 A (LEHMANN H, DT ET AL)<br>24 April 1973 (1973-04-24)<br>claim 1; examples 1,2<br>-----            | 1-4                   |
| Y          |   | 1-4                   |
| X          | US 2001/055679 A1 (SCHUMANN UWE ET AL)<br>27 December 2001 (2001-12-27)<br>paragraph '0019!; example 4<br>----- | 1-4                   |
| Y          | EP 1 167 483 A (SAEHAN INDUSTRIES, INC)<br>2 January 2002 (2002-01-02)<br>paragraph '0017!; example II<br>----- | 1-4                   |
|            | -----<br>-/-  |                       |

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

1 February 2005

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| C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT |  |                       |
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| P, A   | EP 1 336 647 A (NITTO DENKO CORPORATION)<br>20 August 2003 (2003-08-20)<br>paragraph '0026! - paragraph '0031!<br>paragraph '0042! - paragraph '0043!<br>-----   | 1-4                   |
| P, X   | WO 03/064552 A1 (3M INNOVATIVE PROPERTIES<br>COMPANY; TAKEDA, MASAOKI; ISHII,<br>SHIGEYOSHI;) 7 August 2003 (2003-08-07)<br>page 4, line 23 - page 8, line 4<br>page 9, lines 4-8<br>page 10, line 22 - page 11, line 5; claims<br>6-8; table 1<br>----- | 1-4                   |
| P, A   | US 2003/145949 A1 (TANAKA YUKO ET AL)<br>7 August 2003 (2003-08-07)<br>abstract<br>paragraphs '0056!, '0091!; figure 3<br>-----  | 1-4                   |

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